

Applicant: Rudolf et al.
Application No.: 10/806,502

REMARKS/ARGUMENTS

After the foregoing amendment, claims 19-50 are currently pending in this application. Claims 19, 20, 22, 23, 25-27, 30-32, 35, 36, 38, 39, 41-43 and 46-48 have been amended.

Telephonic Interview

The Examiner is thanked for granting a telephonic interview with the Applicants' representative on May 25, 2010. During the interview, the Applicants' representative argued that it was not clear where, in the 40 lines of text cited by the Examiner in U.S. Patent No. 7,317,700 (Hwang), it was disclosed that at least one control signal indicates: 1) a plurality of timeslots/transmission timing intervals (TTIs) allocated for usage of high speed downlink packet access (HSDPA) channels, and 2) a plurality of maximum allowed HSDPA transmit power levels corresponding to respective ones of the allocated timeslots/TTIs. The Examiner was not able to point out specifically where these two features of the at least one control signal is disclosed by Hwang, but suggested that the claims be amended to more distinctly claim what the control signal indicates. The Applicants' representative agreed to amend the claims accordingly.

Claim Rejections - 35 USC § 103

Claims 19, 21-22, 24-25, 27-30, 32-35, 37-38, 40-41, 43-46 and 48-50 stand rejected under 35 USC 103(a) as being unpatentable over U.S. Patent No. 7,317,700 (Hwang) in view of U.S. Patent No. 6,934,268. The Applicants note that the Examiner erroneously indicated that claim 42 was rejected, whereas it is also indicated as including allowable subject matter.

In an attempt to advance the prosecution of this application, as discussed during the telephonic interview held on May 25, 2010, the independent claims 19, 22, 35 and 38 have been amended to recite a control signal that indicates a first maximum allowed HSDPA transmit power level corresponding to a first timeslot, and a second maximum allowed HSDPA transmit power level corresponding to a second timeslot, wherein the HSDPA transmit power level of each timeslot indicated by the control signal is not allowed to exceed its corresponding maximum allowed HSDPA transmit power level indicated by the control signal.

Hwang discloses a controlling radio network controller (CRNC) for a Node B that sends to the Node B a message conveying cell-specific HSDPA information indicating resources requested by the CRNC and a maximum allowed value for the combined power of a plurality of channels, (a high speed shared control channel (HS-SCCH) and each of the high speed physical downlink shared channels (HS-PDSCHs) into which a high speed downlink shared channel (HS-DSCH) is mapped), (see col. 3, lines 35-43). Hwang fails to teach or suggest a control signal that indicates a first maximum allowed HSDPA transmit power level corresponding to a first timeslot, and a second maximum allowed HSDPA transmit power level corresponding to a second timeslot. As mentioned above, the message disclosed by Hwang indicates a maximum allowed value for the combined power of a plurality of channels, but does not disclose corresponding maximum allowed HSDPA transmit power levels of individual timeslots indicated by the control signal.

Hedlund discloses a method for allocating and controlling downlink power in a telecommunication system. Hedlund also fails to teach or suggest a control signal that indicates a first maximum allowed HSDPA transmit power level corresponding to a first timeslot, and a second maximum allowed HSDPA transmit power level corresponding to a second timeslot.

Furthermore, as discussed during the telephonic interview held on May 25, 2010, the independent claims 25, 30, 41 and 46 have been amended to recite a control signal that indicates a first maximum allowed HSDPA transmit power level corresponding to a first transmission timing interval (TTI), and a second maximum allowed HSDPA transmit power level corresponding to a second TTI, wherein the HSDPA transmit power level of each TTI indicated by the control signal is not allowed to exceed its corresponding maximum allowed HSDPA transmit power level indicated by the control signal.

Hwang discloses a controlling radio network controller (CRNC) for a Node B that sends to the Node B a message conveying cell-specific HSDPA information indicating resources requested by the CRNC and a maximum allowed value for the combined power of a plurality of channels, (a high speed shared control channel (HS-SCCH) and each of the high speed physical downlink shared channels (HS-PDSCHs) into which a high speed downlink shared channel (HS-DSCH) is mapped), (see col. 3, lines 35-43). Hwang fails to teach or suggest a control signal that indicates a first maximum allowed HSDPA transmit power level corresponding to a first TTI, and a second maximum allowed HSDPA transmit power level corresponding to a second TTI. As mentioned above, the message disclosed by Hwang indicates a maximum allowed value for the combined power of a plurality of channels, but does not disclose corresponding maximum allowed HSDPA transmit power levels of individual TTIs indicated by the control signal.

Hedlund discloses a method for allocating and controlling downlink power in a telecommunication system. Hedlund also fails to teach or suggest a control signal that indicates a first maximum allowed HSDPA transmit power level corresponding to a first TTI, and a second maximum allowed HSDPA transmit power level corresponding to a second TTI.

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Thus, based on the arguments presented above, the Applicants submit that neither Hwang or Hedlund, alone or in combination, teach the features of the amended claims 19, 22, 25, 30, 35, 38, 41 and 46.

Claims 20, 21, 23, 24, 26-29, 31-34, 36, 37, 39, 40, 42-45 and 47-50 are dependent upon claims 19, 22, 25, 30, 35, 38, 41 and 46, respectively, which the Applicants believe are allowable over the cited prior art of record for the same reasons provided above.

Based on the arguments presented above, the withdrawal of the rejections of claims 19, 21-22, 24-25, 27-30, 32-35, 37-38, 40-41, 43-46 and 48-50 is respectfully requested.

Conclusion

If the Examiner believes that any additional minor formal matters need to be addressed in order to place this application in condition for allowance, or that a telephone interview will help to materially advance the prosecution of this application, the Examiner is invited to contact the undersigned by telephone at the Examiner's convenience.

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In view of the foregoing amendment and remarks, the Applicants respectfully submit that the present application, including claims 19-50, is in condition for allowance and a notice to that effect is respectfully requested.

Respectfully submitted,

Rudolf et al.

By Scott Wolinsky/
Scott Wolinsky
Registration No. 46,413

Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103
Telephone: (215) 568-6400
Facsimile: (215) 568-6499

SW/bbf